

PADUCAH GASEOUS DIFFUSION PLANT CITIZENS ADVISORY BOARD

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Consensus Recommendation: 04-04

Submitted for discussion by the Waste Task Force, November 20, 2003

Title: North-South Diversion Ditch (NSDD) Sections 3, 4, and 5 Sampling and Analysis Plan

Background:

- An enforceable milestone in the Site Management Plan calls for a D1 Sampling and Analysis Plan for the NSDD Sections 3, 4 and 5 to be submitted to regulators by April 30, 2004.
- A significant amount of sampling has been conducted in Sections 3, 4, and 5 of the NSDD in support of a variety of studies.
- Data from those studies have been compiled and compared to risk-based action levels and surface soil background concentrations.
- Presentations of the data are available in tabular and graphical modes.
- Sufficient data is available to adequately describe and characterize the contamination found in Sections 3 and 4.
- Limited data is available for Section 5.
- Existing data from Section 5 shows a possible anomaly in the initial portion of the segment.

Recommendation:

The Board requests that DOE incorporate additional sampling for Section 5 into the NSDD Sections 3, 4, and 5 D1 Sampling and Analysis Plan. Specifically, additional sampling should be conducted in the following areas:

- **Initial portions of Section 5 prior to the sampling point identified as NS-DD-09 and between NS-DD-09 and NS-DD-11.**
- **Between NS-DD-12 and NS-DD-16 and downstream of NS-DD-16.**

The Board feels this additional sampling is necessary to adequately characterize and ultimately support any response actions in Section 5.

Approved by Consensus